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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/027,307	12/21/2001	Jeffrey Cook	NETAP018	1361
28875	7590	03/18/2005	EXAMINER	
Zilka-Kotab, PC			SHAH, KAMINI S	
P.O. BOX 721120			ART UNIT	PAPER NUMBER
SAN JOSE, CA 95172-1120			2142	

DATE MAILED: 03/18/2005

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary	Application No. 10/027,307	Applicant(s) COOK ET AL.	
	Examiner Kamini S. Shah	Art Unit 2142	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 15 March 2002.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-34 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-8, 10-27 and 29-34 is/are rejected.
- 7) ☒ Claim(s) 9 and 28 is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- * See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|--|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____ |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152) |
| 3) <input checked="" type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
Paper No(s)/Mail Date <u>3/15/02</u> | 6) <input type="checkbox"/> Other: _____ |

DETAILED ACTION

Claim Rejections - 35 USC § 102

1. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

2. Claims 1-6, 8, 10-15, 17-20, 22-29, 32-34 are rejected under 35 U.S.C. 102(b) as being clearly anticipated by Wesinger, Jr. et al US. 6,052,788.

Regarding to claimed invention of claims 1, 18 and 22, Wesinger teaches a method for controlling access to information from DNS server having an access control list, ***such as establishing DNS mapping between remote hosts to be access through one of the network interface, see abstract***, the method comprising:

- Receiving a request from a client for an IP address for domain name at the DNS server, ***such as DNS server receiving a request and try to find IP address as disclosed in col. 7, lines 45-52;***
- Looking up the domain name in the access control list, ***such as local DNS server first examines its own local memory, col. 7, lines 54-57;***
- Sending to a client a replay containing the IP address of the domain name if the client is authorized in access control list to receive the IP address, and denying said request if its not authorized, ***see col. 9, lines 6-14.***

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Claims 18 and 22 contains similar subject matter as claim 1 with additional feature, memory storage for storing code. Wesinger teaches local memory ***such as cache, see col. 7, lines 56-58.***

Regarding claims 2-5, wherein sending a reply to the client comprises sending an encrypted reply, and client have access to decryption key, ***such as col. 10, lines 30-35.*** For claimed encrypted request and non-secure request, ***see channel processing on col. 11, lines 6-15.***

Regarding claim 8, wherein receiving a request comprises receiving the request from a second DNS server, ***such as see figure 4, wherein firewall machines 407 and 408 is disclosed, also see col. 12, lines 19-29.***

Regarding claims 10-15, Wesinger teaches channel processing and encryption and decryption of the Internet and networking communication on ***col. 11, lines 32-66.***

Regarding claims 19-20, Wesinger teaches domain name server 117, 165, 167 dedicated virtual hosts on the same physical machine, ***see col. 8, lines 8-15.***

Regarding claims 23-29, and 32-33 which recites similar subject matter as claims 2-6 and 14-15, therefore are rejected for the similar reasoning.

Claim Rejections - 35 USC § 103

3. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

4. This application currently names joint inventors. In considering patentability of the claims under 35 U.S.C. 103(a), the examiner presumes that the subject matter of the various claims was commonly owned at the time any inventions covered therein were made absent any evidence to the contrary. Applicant is advised of the obligation under 37 CFR 1.56 to point out the inventor and invention dates of each claim that was not commonly owned at the time a later invention was made in order for the examiner to consider the applicability of 35 U.S.C. 103(c) and potential 35 U.S.C. 102(e), (f) or (g) prior art under 35 U.S.C. 103(a).

5. Claims 6, 7, 16, 17, 21, 30, 31, and 34 are rejected under 35 U.S.C. 103(a) as being unpatentable over Wesinger, Jr. et al. as applied to claims 1, 2, 18, and 22 above, and further in view of Green et al.

Wesinger teaches the firewall 155, upon receiving a connection request from a particular source, might send key, to a pager 119 of the authorized user of source client. However, Wesinger does not teach receiving request comprising signed request, or verifying the signature to authenticate the client, or client have access to a signature key. **Green** et al teaches the method of identifying user credentials and authentication information including cryptographic signature, see **col. 2, lines 64-67, col. 9, lines 31-34, and col. 10, lines 30-40 including three different forms of authentication.**

Therefore it would have been obvious to one of the ordinary skill in the art at the time of invention to combine the configuration for authorizing user with the cryptographic signature Green with Wesinger, because the signature form of authentication provides strong session establishment for kwon as binding.

Allowable Subject Matter


6. Claims 9, 28 are objected to as being dependent upon a rejected base claim, but would be allowable if rewritten in independent form including all of the limitations of the base claim and any intervening claims.

Prior art does not teach second DNS server configured to forward the reply to the client and is not configured to read encrypted reply.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Kamini S. Shah whose telephone number is 571-272-2279. The examiner can normally be reached on IFP.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Jack B. Harvey can be reached on 571-272-3896. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).


Kamini S. Shah
Primary Examiner
Art Unit 2142

KSS